

SEQ ID NO	Target	Oligo type	Sequence (5'-3')
SEQ ID NO:1	human let-7 miRNA	Invader oligo	ggcacuuuuuguccAACTATACAAACCG
SEQ ID NO:2	human let-7 miRNA	probe oligo	CCGTCGCTGGTTACTACCTCAcgaacguuuucgucg
SEQ ID NO:3	human let-7 miRNA	arrestor oligo	cgaacgaacgucgugagguaguaacgcag
SEQ ID NO:4	human let-7 miRNA	miRNA	uagguagugaguuuuuauuu
SEQ ID NO:5	human let-7 miRNA	Invader oligo	ggcacuuuuuguccAACTATACAACT
SEQ ID NO:6	human let-7 miRNA	probe oligo	CCGTCGCTGGTCTACTACCTCAcgaacguuuucgucg
SEQ ID NO:7	human let-7 miRNA	arrestor oligo	cgaacgaacgucgugagguaguaacgcag
SEQ ID NO:8	human let-7 miRNA	Invader oligo	ggcacuuuuuguccAACTATACAAT
SEQ ID NO:9	human let-7 miRNA	probe oligo	AACGAGGCGCACCCCTACTACCTCAcgaacguuuucgucg
SEQ ID NO:10	human let-7 miRNA	arrestor oligo	cgaacgaacgucgugagguaguaagggucgc
SEQ ID NO:11	human miR-1	Invader oligo	ggcagcuuuugcuccCTCCATACTTCTC
SEQ ID NO:12	human miR-1	probe oligo	AACGAGGCGCACCTTACATTCCAcgagccuuuuggcucg
SEQ ID NO:13	human miR-1	arrestor oligo	cgaacgaacgucgugagguaguaagucgc
SEQ ID NO:14	human miR-1	miRNA	uugaauguaaagaauuagga
SEQ ID NO:15	human miR-1	Invader oligo	ggcagcuuuugcuccCTCCATACTTCC
SEQ ID NO:16	human miR-1	probe oligo	AACGAGGCGCACCTTACATTCCAcgagccuuuuggcucg
SEQ ID NO:17	human miR-1	arrestor oligo	cgaacgaacgucgugagguaguaaagucgc
SEQ ID NO:18	human miR-1	Invader oligo	ggcagcuuuugcuccCTCCATACTTT
SEQ ID NO:19	human miR-1	probe oligo	AACGAGGCGCACCTTACATTCCAcgagccuuuuggcucg
SEQ ID NO:20	human miR-1	arrestor oligo	cgaacgaacgucgugagguaguaaagucgc
SEQ ID NO:21	FAM FRET	FRET probe	Yca-cXt-gct-tcg-tgg
SEQ ID NO:22	SRT	Secondary Reaction template	CCA GGA AGC AAG TGA CGC AGC GAC ggu
SEQ ID NO:23	human let-7 miRNA	Invader oligo	ggcacuuuuuguccaaCTATACAAT
SEQ ID NO:24	human let-7c miRNA	miRNA	uuugguauguuuggauggauggagu
SEQ ID NO:25	human let-7e miRNA	miRNA	uuguuacguuuuggauggauggagu
SEQ ID NO:26	human let-7f miRNA	miRNA	uuugaauuuuagauuaguggagu
SEQ ID NO:27	human miR-135	Invader oligo	ccgagcgaaagcucggTTACATAGGAATC
SEQ ID NO:28	human miR-135	probe oligo	AACGAGGCGCACAAAAAGCCATAcgagccgaaggcucg
SEQ ID NO:29	human miR-135	arrestor oligo	cgaacccuuucgucguauggcuuuuugucgc
SEQ ID NO:30	human miR-135	Invader oligo	ccgagcgaaagcucggTTACATAGGAAC
SEQ ID NO:31	human miR-135	probe oligo	AACGAGGCGCACATAAAAAGCCATAcgagccgaaggcucg
SEQ ID NO:32	human miR-135	arrestor oligo	cgaacccuuucgucguauggcuuuuuaugcgc
SEQ ID NO:33	human miR-135	Invader oligo	ccgagcgaaagcucggTTACATAGGAC
SEQ ID NO:34	human miR-135	probe oligo	AACGAGGCGCACATAAAAAGCCATAcgagccgaaggcucg
SEQ ID NO:35	human miR-135	arrestor oligo	cgaacccuuucgucguauggcuuuuuaugcgc
SEQ ID NO:36	human miR-135	Invader oligo	ccgagcgaaagcucggTTACATAGGC
SEQ ID NO:37	human miR-135	probe oligo	AACGAGGCGCACATAAAAAGCCATAcgagccgaaggcucg
SEQ ID NO:38	human miR-135	arrestor oligo	cgaacccuuucgucguauggcuuuuuaugcgc

**FIG 5**

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FIG. 5B

SEQ ID NO	Target	Oligo type	Sequence (5'-3')
SEQ ID NO:39	human miR-16	miRNA	uagcagcacgtataauuuugcg
SEQ ID NO:40	SRT	Secondary Reaction template	CCAGGAAGCAAGTGGAGGGGTGACggu
SEQ ID NO:41	human GAPDH	Invader oligo	ggaucuaauuGGAACATGTAAACCATC
SEQ ID NO:42	human GAPDH	probe oligo	CCGCCGAGATCACGTAGTTGAGGTC-NH2
SEQ ID NO:43	human GAPDH	arrestor oligo	gaccuacaucagugauc
SEQ ID NO:44	human miR-125b	miRNA	uoccugagaccuccuacuuuguga
SEQ ID NO:45	U6 RNA	Invader oligo	GGCCATGCTAATCTTCA
SEQ ID NO:46	U6 RNA	probe oligo	CCGCCGAGATCACGTCTGTATCGTTTC-NH2
SEQ ID NO:47	U6 RNA	arrestor oligo	gaacgauacagagugauc
SEQ ID NO:48	RED FRET		Yct-xlt-tct-cag-tgc-g
SEQ ID NO:49	SRT	Secondary Reaction template	CCAGCAAGCAAGTGGTGAATCTCGGCggu
SEQ ID NO:50	human let-7a miRNA	probe oligo	CCGTCGCTGCGTCTACTACCTCA-NH2
SEQ ID NO:51	human let-7a miRNA	Invader oligo	AACTATACAACT
SEQ ID NO:52	human let-7a miRNA	probe oligo	CCGTCGCTGCGTTACTACCTCA-NH2
SEQ ID NO:53	human let-7a miRNA	Invader oligo	AACTATACAAACG
SEQ ID NO:54	human let-7a miRNA	arrestor oligo	ugagguguagacgcag
SEQ ID NO:55	human miR-15	probe oligo	AACGAGGCGCACATGTCTGTCTAcgagccuuuugcg
SEQ ID NO:56	human miR-15	Invader oligo	ggcagcuuuugcugccCACAAACCATTC
SEQ ID NO:57	human miR-15	arrestor oligo	cgagcaaaaggcucgagcagcagcugcg
SEQ ID NO:58	human miR-15	probe oligo	AACGAGGCGCACATGTCTGTCTCGCCACGCCG-NH2
SEQ ID NO:59	human miR-15	Invader oligo	GCTCGCCACGCCGACAAACCATTC
SEQ ID NO:60	human miR-15	stacker oligo	cggcguggcgagc
SEQ ID NO:61	human miR-15	arrestor oligo	cggcguggcgagcagcagcagcagcugcg
SEQ ID NO:62	human miR-15	miRNA	uancagcacauauggguuug
SEQ ID NO:63	human miR-135	probe oligo	AACGAGGCGCACAAATAAAAGCCATAGCTCGCCACGCCG-NH2
SEQ ID NO:64	human miR-135	Invader oligo	GCTCGCCACGCCGTTACATAGGC
SEQ ID NO:65	human miR-135	arrestor oligo	cggcguggcgagcuauggcuuuuuuugcg
SEQ ID NO:66	human miR-15	arrestor oligo	uagcagcagcagcugcg
SEQ ID NO:67	human miR-15	probe oligo	AACGAGGCGCACATGTCTGTCTAGGCGAAGCC
SEQ ID NO:68	human miR-15	Invader oligo	GGCGAAGCCCAACAAACCATTC
SEQ ID NO:69	human miR-15	probe oligo	AACGAGGCGCACATGTCTGTCTAGGCGAAGcc
SEQ ID NO:70	human miR-15	Invader oligo	ggcGAAGCCCAACAAACCATTC
SEQ ID NO:71	human miR-15	probe oligo	AACGAGGCGCACATGTCTGTCTAggcuugcgcc
SEQ ID NO:72	human miR-15	Invader oligo	ggcuugcgccCACAAACCATTC
SEQ ID NO:73	human let-7a miRNA	Invader oligo	GGCACTTTTGTGCCAACTATACAACT
SEQ ID NO:74	human let-7a miRNA	probe oligo	CCGTCGCTGCGTCTACTACCTCACGACGTTTTCGTCG
SEQ ID NO:75	human let-7a miRNA	Invader oligo	ggcacTTTTGTGCCAACTATACAACT
SEQ ID NO:76	human let-7a miRNA	probe oligo	CCGTCGCTGCGTCTACTACCTCACGACGTTTTCgucg

FIG 5

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FIG. 5C

SEQ ID NO	Target	Oligo type	Sequence (5'-3')
SEQ ID NO:77	human miR-16 miRNA	Invader oligo	ggcagcuuuugcugccCGCCAATATTG
SEQ ID NO:78	human miR-16 miRNA	probe oligo	AACGAGGGCGACTACGTGCTGCTAcgagccuuuuggcug
SEQ ID NO:79	human miR-16 miRNA	arrestor oligo	cgagccaaagagcugcagcagcagcagcugcg
SEQ ID NO:80	human miR-125b miRNA	Invader oligo	ggcagcuuuugcgtgccTCACAAGTTAGA
SEQ ID NO:81	human miR-125b miRNA	probe oligo	AACGAGGGCGCACGGTCTCAGGAGcagagccuuuuggcug
SEQ ID NO:82	human miR-125b miRNA	arrestor oligo	cgagccaaagagcugcugccugagacccugcg
SEQ ID NO:83	human let-7a miRNA	probe oligo	CCGTCGCTGCGTCTACTACCTCAcagacuuuucgucgu
SEQ ID NO:84	human let-7a miRNA	Invader oligo	uggcacuuuugcggccAACTATACAACCT
SEQ ID NO:85	human let-7a miRNA	probe oligo	CCGTCGCTGCGTCTACTACCTCAcagacuuuucguc
SEQ ID NO:86	human let-7a miRNA	Invader oligo	gcacuuuugcggccAACTATACAACCT
SEQ ID NO:87	precursor human let-7a	miRNA	gggcuuuuggggugagguaguuuaguuuagaaauuaccacgcgguagaacuuu
SEQ ID NO:88	miR-124a 21nt	miRNA	gcauuuuuucuccuuuccuagaaguccc
SEQ ID NO:89	miR-124a 22nt	miRNA	uaaggcacgcggugaaugcca
SEQ ID NO:90	miR-124a miRNA	probe oligo	uuaggcacgcggugaaugcca
SEQ ID NO:91	miR-124a miRNA	arrestor oligo	CCGTCGCTGCGTCTGCGTGGCTTAcgagccuuuuggcug
SEQ ID NO:92	miR-124a miRNA	Invader oligo	uaaggcacgcgcgcag
SEQ ID NO:93	U6 RNA	probe oligo	ggcagcuuuugcugccTGGCATTCAACA
SEQ ID NO:94	U6 RNA	Invader oligo	CCGCCGAGATCACCTAATCTCTCTGTAT-NH2
SEQ ID NO:95	U6 RNA	arrestor oligo	CATCCTTGGCGCAGGGGCCATGA
SEQ ID NO:96	human miR-135	miRNA	auacagagaagauuagguaguc
SEQ ID NO:97	human miR-1d	miRNA	uauggcuuuuuuuuuccuauugaa
SEQ ID NO:98	human miR-1d	probe oligo	uggaauguuaaagaauuaguuu
SEQ ID NO:99	human miR-1d	Invader oligo	AACGAGGGCGCACCTTACATTCCAcgagccuuuuggcug
SEQ ID NO:100	human miR-1d	arrestor oligo	ggcagcuuuugcugccATACATACTTCC
SEQ ID NO:101	human beta actin siRNA	probe oligo-antisense	cgagccaaagagcugcuggauguaaagucgc
SEQ ID NO:102	human beta actin siRNA	Invader oligo-antisense	AACGAGGGCGCACAGATCATTCGgcuucggcc
SEQ ID NO:103	human beta actin siRNA	arrestor oligo-antisense	ggcuucggccAAATGAAGATCC
SEQ ID NO:104	human beta actin siRNA	probe oligo-sense	gcaaugaucuugcgc
SEQ ID NO:105	human beta actin siRNA	Invader oligo-sense	AACGAGGGCGCACCTTGATCTTCAGgcuucggcc
SEQ ID NO:106	human beta actin siRNA	arrestor oligo-sense	ggcuucggccAAAGCAATGATA
			ugaagaucacaggugcgc

FIG 5

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